

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Application Number	09/843,159
Filing Date	April 25, 2001
First Named Inventor	LUO, Ying
Art Unit	1652
Examiner Name	RAO, M.
Attorney Docket Number	A-68292-2/RMS/DHR; 467802-217

Sheet 1 of 2

**U.S. PATENT DOCUMENTS**

*Examiner Initials	Cite No.	DOCUMENT NUMBER Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
MR	A4	US- 6,455,290 B1	09/24/2002	Berthelsen et al.	
MR	A5	US- 6,277,613 B1	08/21/2001	De Lange et al.	
MR	A6	US- 6,387,902 B1	05/14/2002	Zhang et al.	
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		Country Code:	Number - Kind Code (if known)				YES	NO
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MR	B9	WO	00/77225 A1	12/21/2000	Chi et al.		<input type="checkbox"/>	<input type="checkbox"/>
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Sheet

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of

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Attorney Docket Number

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## OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	TRANSLATION	
			YES	NO
MR	C27	DECKER, P. et al., "An Improved Nonisotopic Test to Screen a Large Series of New Inhibitor Molecules of Poly(ADP-ribose) Polymerase Activity for Therapeutic Applications," Clinical Cancer Research, 5:1169-1172, May 1999.	<input type="checkbox"/>	<input type="checkbox"/>
MR	C28	RANKIN, P.W. et al., "Quantitative Studies of Inhibitors of ADP-ribosylation <i>in Vitro</i> and <i>In Vivo</i> ," J. Biol. Chem., 264(8):4312-4317, March 1989.	<input type="checkbox"/>	<input type="checkbox"/>
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<b>Application Number</b>	09/843,159
<b>Filing Date</b>	April 25, 2001
<b>First Named Inventor</b>	Luo
<b>Group Art Unit</b>	1653
<b>Examiner Name</b>	Unknown
<b>Attorney Docket Number</b>	A-68292-2/RMS/DHR

Sheet	1	of	3
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## U.S. PATENT DOCUMENTS

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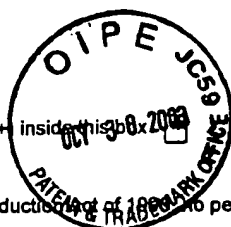
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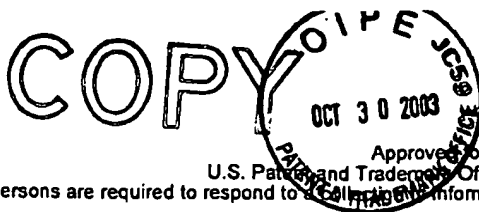
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		Application Number	09/843,159		
		Filing Date	April 25, 2001		
		First Named Inventor	Luo		
		Group Art Unit	1653		
		Examiner Name	Unknown		
Sheet	2	of	3	Attorney Docket Number	A-68292-2/RMS/DHR

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
MR	C1	Smith et al., "Tankyrase, a poly (ADP-ribose) polymerase at human telomeres," Science, 282(5393):1484-1487 (November 1998).	
	C2	Mera, S., "The role of telomeres in aging and cancer," Br J Biomed Sci, 55(3):221-225 (September 1998).	
	C3	Lux et al., "Analysis of cDNA for human erythrocyte ankyrin indicates a repeated structure with homology to tissue-differentiation and cell-cycle control proteins," Nature, 344(6261):36-42 (March 1990).	
	C4	Bryan et al., "Telomerase and the maintenance of chromosome ends," Curr Opin Cell Biol, 11(3):318-324 (June 1999).	
	C5	Hiyama et al., "Overexpression of human telomerase RNA is an early event in oesophageal carcinogenesis," Virchows Arch, 434(6):483-487 (June 1999).	
	C6	Krejc, K., "An in situ study of variant telomeric repeats in human chromosomes," Genomics, 58(2):202-206 (June 1999).	
	C7	Holt et al., "Role of telomerase in cellular proliferation and cancer," J Cell Physiol, 180(1):10-18 (July 1999).	
	C8	Tan, Z., "Intramitotic and intraclonal variation in proliferative potential of human diploid cells: explained by telomere shortening," J Theor Biol, 198(2):259-268 (May 1999).	
	C9	Zhu et al., "Chromosomal mapping of the tankyrase gene in human and mouse", Genomics 57:320-321 (1999)	
	C10	Daly, "The Grb7 Family of Signalling Proteins," Cell. Signal 10(9):613-618 (1998)	
	C11	Janes, et al., "Structural Determinants of the Interaction between the erbB2 Receptor and the Src Homology 2 Domain of Grb7," J Biol Chem 272(13):8490-8497 (1997)	
	C12	Daly, "Take Your Partners, Please - Signal Diversification by the erbB Family of Receptor Tyrosine Kinases," Growth Factors 16:255-263 (1999)	
	C13	Bowie et al., "Deciphering the message in protein sequences: tolerance to amino acid substitutions," Science 247:1306-1310 (1990)	
	C14	Burgess et al., "Possible dissociation of the heparin-binding and mitogenic activities of heparin-binding (acidic fibroblast) growth factor-1 from its receptor-binding activities by site-directed mutagenesis of a single lysine residue," J Cell Bio. 111(5 pt 1):2129-2138 (1990)	
	C15	Scott et al., "The Pendred syndrome gene encodes a chloride-iodide transport protein," Nat Genet 21(4):440-443 (1999)	
	C16	Bork, P., "Powers and Pitfalls in sequence analysis: the 70% hurdle," Genome Res 10(4):398-400 (2000)	
MR	C17	Reiger et al., Glossary of Genetics and Cytogenetics, Classical and Molecular 4th Ed., Springer-Verlay, Berlin, pp. 17-18 (1976)	

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		Application Number	09/843,159		
		Filing Date	April 25, 2001		
		First Named Inventor	Luo		
		Group Art Unit	1653		
		Examiner Name	Unknown		
Sheet	3	of	3	Attorney Docket Number	A-68292-2/RMS/DHR

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MR	C18	Lazar, et al., "Transforming growth factor alpha: mutation of aspartic acid 47 and leucine 48 results in different biological activities," Mol Cell Biol 8(3):1247-1252 (1988)	
	C19	Harris et al., "Polycystic kidney disease. 1: Identification and analysis of the primary defect," J Am Soc Nephrol 6(4):1125-1133 (1995)	
	C20	Ahn, et al., "The structural and functional diversity of dystrophin," Nat Genet 3(4):283-291 (1993)	
	C21	Cawthon et al., "cDNA sequence and genomic structure of EV12B, a gene lying within an intron of the neurofibromatosis type 1 gene," Genomics 9(3):446-460 (1991)	
	C22	Database SWALL:CGA1_XENLA, accession P18606 (Nov. 1990), Cyclin A1	
MR	C23	Database SWALL:CGB1_XENLA, accession P13350 (Jan 1990), G2/Mitotic-specific Cyclin B1	
	C24	Database SWALL:CGB1_HUMAN, accession P14635 (Apr 1990), G2/Mitotic-specific Cyclin B1	
	C25	Database EMBL:MMAA24592, accession AA124592 (Nov 1996), mp86g12.r1 Soares_thymus_2NbMT Mus musculus cDNA clone similar to gb:M25753 G2/Mitotic-specific Cyclin B1 (Human)	
	C26	Database EMBL:HSZZ78609, accession AA373339 (Apr 1997), EST85503 HSC172 cells I Homo sapiens cDNA 5' end similar to cyclin B, mRNA sequence	

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Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>		Application Number	10/616,101
		Filing Date	July 8, 2003
		First Named Inventor	LUO, YING
		Art Unit	1642
		Examiner Name	
Sheet 1 of 1	Attorney Docket Number	RIGL-010CIP3	

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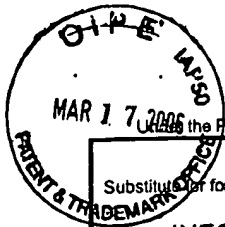
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MR		FUKUSHIMA et al., POLY (ADP-RIBOSE) SYNTHESIS IN HUMAN CERVICAL CANCER CELL-DIAGNOSTIC CYTOLOGICAL USEFULNESS, Cancer Letters, 1981, 14: 227-236	

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				Filing Date	July 8, 2003
				First Named Inventor	Luo et al.
				Art Unit	1652
				Examiner Name	Rao, Manjunath N.
Sheet	1	of	1	Attorney Docket Number	Tankyrase H, compositions involved in the cell cycle and methods of use

U.S. PATENT DOCUMENTS					
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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MR		US20030211462	Nov. 13, 2003	SHEN	

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